

Name _____

In the Middle of It All: The Mystery of Neutral Substances

Multiple Choice Questions

1. What is the pH of pure water?
 - a) 0
 - b) 7
 - c) 14
 - d) 10

2. Why is it essential for our bodies to maintain a blood pH close to 7.4?
 - a) To taste food properly
 - b) To ensure healthy skin
 - c) To support enzyme function and chemical reactions
 - d) To control body temperature

3. How do scientists determine if a substance is neutral?
 - a) By using litmus paper
 - b) By tasting it
 - c) By measuring its temperature
 - d) By using pH indicators or meters

4. What is the pH of a substance that is slightly alkaline?
 - a) 1
 - b) 7
 - c) 10
 - d) 4

5. Why can achieving true neutrality be challenging in the real world?
 - a) Pure water is difficult to find
 - b) Substances always have a natural pH of 7
 - c) Various factors can influence the pH of substances
 - d) Neutrality is not a desirable state

